After entry of the amendments made herein, the claims pending in this application will read as follows:

1. (Twice amended) An isolated DNA comprising:

(a) a nucleic acid sequence that encodes a polypeptide with the ability to co-stimulate a T cell, wherein the polypeptide is an amino acid sequence consisting of SEQ ID NO:1 or SEQ ID NO:3; or

(b) the complement of the nucleic acid sequence.

4. The DNA of claim 1, wherein the nucleic acid sequence is a nucleotide sequence consisting of SEQ ID NO:2.

5. The DNA of claim 1, wherein the nucleic acid sequence is a nucleotide sequence consisting of SEQ ID NO:4.

11. A vector comprising the DNA of claim 1.

12. The vector of claim 11, wherein the nucleic acid sequence is operably linked to a regulatory element which allows expression of said nucleic acid sequence in a cell.

13. A cell comprising the vector of claim 11.

36. A cell comprising the vector of claim 12.

37. A method of producing a polypeptide that co-stimulates a T cell, the method comprising culturing the cell of claim 36 and purifying the polypeptide from the culture.

46. (Amended) An isolated DNA comprising:

(a) a nucleic acid sequence that encodes a polypeptide consisting of (i) SEQ ID NO: 1 but lacking amino acid residues 1-22 of SEQ ID NO:1 or (ii) SEQ ID NO:3 but lacking amino acid residues 1-22 of SEQ ID NO:3; or

(b) the complement of the nucleic acid sequence.

47. (Amended) A vector comprising the DNA of claim 46.

48. The vector of claim 47, wherein the nucleic acid sequence is operably linked to a regulatory element which allows expression of said nucleic acid sequence in a cell.

49. A cell comprising the vector of claim 47.

50. A cell comprising the vector of claim 48.

51. A method of producing a polypeptide that co-stimulates a T cell, the method comprising culturing the cell of claim 50 and purifying the polypeptide from the culture.